State Data Center
Cost Allocation Plan
Fiscal Year 2023

The Cost Allocation Plan is the State of Missouri's initiative to develop a cost-based method to establish billing rates for Information Technology services and products. The Cost Allocation Plan works to ensure State of Missouri IT services are provided in a cost effective manner.

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Introduction

The State Data Center's Cost Allocation Plan was developed to establish a cost-based recovery method for the State's Information Technology Services. The benefits of the CAP are twofold. First, the CAP allows for a full-cost recovery process of SDC services. Both, direct and indirect costs, are included in the full-cost recovery to minimize under or over recovery of the SDC's total budgeted costs. Secondly, each customer is treated in an equitable manner, based on the resources used by that customer.

This document will provide the methodology used for determining the rates billed, an explanation of terms used, summarized anticipated personnel expenses, itemized estimated expenditures for the SDC, a summarized list of the costs per service with the rate calculation, an estimated billing based on utilization per customer, and a rate comparison of the current year and the preceding four years.

Methodology

To develop the CAP, the following components were analyzed to establish the final SDC CAP rates.

- **Determination of the Rate Category for Services Provided:** All services provided to the customer by the SDC are identified and approved by the Chief Information Officer (CIO).
- **Units of Service:** The unit of service used to measure the volume of the service provided by each CAP item is established based on three criteria.
  - o The relationship to the function performed
  - o The measurability
  - o The controllability by the customer
- **Compilation of the Estimated Utilization by Customer:** For each CAP item, the utilization by customer is compiled and totaled to develop the basis for the billing rate computation.
- **Identify the Type of Cost:** There are two types of costs identified in the CAP, allocated direct and allocated indirect costs. Allocated direct costs are associated with personnel and equipment costs that can be directly identified based on the type of service. Allocated indirect costs are related to support costs for services provided by the SDC and cannot be identified by a specific type of service.
- **Determine the Allocated Direct Cost:** Allocated direct costs are those costs budgeted for personnel, equipment or other expenses that can be directly identified with providing a specific service. These costs are accumulated to determine the total allocated direct costs associated with each type of service provided.
- **Determine the Allocated Indirect Cost:** Allocated indirect costs are those costs budgeted that are not associated with a specific service. These costs are accumulated to determine the total allocated indirect costs and prorated across each type of service provided.
- **Summarization of the Total Costs by Service:** The summarized total cost by service is determined by adding both direct and indirect allocated costs with job costs.
- **Calculated Rate per Unit of Service:** The rate per unit of service is calculated by dividing the total annual cost by the total estimated annual utilization.

State Data Center
Budget Summary

Expenses		FY22	FY23
Personal Services		6,347,499	7,972,531
Fringe Benefits		3,426,578	4,398,863
Expense and Equipment		31,080,628	32,432,712
Total Budgeted Costs		**40,854,706**	**44,804,107**
Cost Adjustment			
Capital Cost		(1,115,000)	(1,945,200)
Depreciation		866,035	1,195,493
Total		**(248,965)**	**(749,707)**
Grand Total		**40,605,741**	**44,054,400**

Expenses and Equipment

Code	Description	FY22	FY23
103	CPU	1,023,235	1,167,492
106	DASD Growth	296,605	291,744
107	Deduplication/Replication HW Lease	686,322	136,000
108	Disaster Recovery CPU (Springfield Site)	160,000	40,000
113	SAN DASD	1,170,000	1,205,912
119	VM Hardware Purchase Lease	513,264	583,699
120	DR Print Services	118,000	152,000
121	OnBase HealthCheck - HyLand Services	65,000	0
205	DASD maintenance	100,000	109,000
206	Server/Storage Maintenance	169,000	300,000
214	External Coupling Facility	32,300	28,000
222	Print Burster/Trimmer/Stacker	115,000	100,000
223	Print Usage	140,000	130,000
224	Printer-Impact	5,000	2,000
225	Printer-Laser	80,000	80,000
229	Remote Server Maintenance	1,500	0
231	SAN Sever and Storage Maintenance	220,850	54,000
233	GTX Qualifier Maintenance	3,000	3,000
237	z/OS Virtual Tape maintenance		30,000
238	VM Server and Storage Maintenance	44,000	63,400
239	Batteries/UPS Maintenance	160,000	185,000
240	Generator Maintenance	59,000	70,000
243	VDI Server Maintenance	35,200	29,000
244	VDI Storage Maintenance	30,000	30,000
245	DistSys SVC Hardware Maint	25,000	10,000
246	QCX E138 MICR Verifier	2,500	0
303	Softek TDMF Replicator for zOS	67,000	69,000
305	BMC Mainview	122,470	122,470
306	CICS Transaction Gateway	131,400	131,400
307	CICS/TS V5	744,500	744,500
308	COBOL for MVS	96,350	96,350
309	Mackinney Software JQP/VVP	9,156	9,339
311	AFP Toolbox (Toolkit)	3,000	3,000
313	DSF/DSS/HSM	146,000	148,000
321	Interactive Output Facility (IOF)	6,500	6,500
324	WebSphere MQ	471,000	471,000
328	OGL	6,000	6,000
329	OS/390	1,306,746	1,306,746
330	Page Print Format Aid/370 V1 PPFA	4,000	4,000
331	Enterprise PL/1 Alternate Function	88,900	88,900
332	PSF	40,000	40,000
333	SDF II	28,550	28,550
338	DB2 for Z/OS V12	683,082	683,082
340	Microsoft Server Operating System Subsc.	16,200	5,000
341	UDB - DB2 Utilities Suite	42,671	42,671
342	Symantec EndPoint Protection Subsc.-RSS	500	2,000
343	Antivirus for Exchange	155,000	160,000
344	Vmware vCloud Enterprise Suite	1,228,000	0
345	SiteScan	5,000	5,000
349	Lansweeper	50,000	50,000
351	Kiwi Syslog	400	400
353	Solarwinds NPM	10,700	15,000
354	Solarwinds SAM	8,700	12,000
355	Solarwinds NTA	6,500	7,200
356	Orion Polling Engines	51,000	103,260
357	Orion Web Server	500	1,000

Expenses and Equipment

Code	Description	FY22	FY23
360	IBM SKLM encryption licenses	3,000	5,000
361	Logging Maintenance	150,300	372,224
363	EMC Software ELA (FY22 last year)	384,706	0
364	Solarwinds WPM	3,700	5,200
365	Enhanced ACIF	4,500	4,500
366	Splunk Professional Services		80,000
404	CA Interest W/XA-ESA-Batch	48,180	48,180
405	CA Interest W/XA-ESA-CICS	107,430	107,430
406	CA Librarian	164,362	164,362
408	CA Restart/Recover (CA11)	3,200	3,200
410	CA Scheduling Package (CA7)	175,192	175,192
411	CA TMS (CA1)	195,000	195,000
412	CA UNIPAK	1,231,612	1,231,612
414	Omegamon for CICS	66,000	66,001
415	CL/Supersession for z/OS	71,800	71,800
416	IBM Tivoli Omegamon XE DB2 V4	159,815	159,815
417	IBM Tivoli Omegamon XE z/OS V2	131,500	131,500
419	DB2 Connect	366,589	366,589
420	SEA JCL Plus	22,574	23,702
421	Document Management Systems (MOBIUS)	595,000	680,000
422	Dumpmaster MVS	129,800	133,694
424	Precisely Code-1 and Zip+4	28,100	28,100
427	Red Hat Enterprise/Network Satellite Maint	100,000	125,000
428	Tivoli WAS/ND - lease ELO	333,333	588,306
429	Insync MVS	108,800	112,064
431	Tic Toc	10,185	10,900
433	Symantec EndPoint Protection Subsc. - VM	22,000	25,000
434	Connect:Direct	30,000	30,000
435	Merrill Consultants MXG	2,500	2,500
436	MVS Quick Reference	40,500	42,525
439	SFTP Software Maintenance	13,700	11,720
440	Platinum DB2 Tools	564,174	564,174
443	SAS Base	118,285	118,285
444	SAS/STAT	82,431	82,431
445	SAS/ACCESS	79,259	79,259
446	CA Copycat Utility (formerly listed as Rocket)	25,000	25,000
447	SAS/ETS	82,431	82,431
451	SA Licenses for SQL	840,179	744,625
452	Precisely SyncSort (MFX for z/OS)	33,569	34,240
453	SynRecovery software	1,000	1,000
456	Distributed Print Software Maintenance		82,500
458	DistSys SSRS Software Maintenance		29,400
460	Tivoli Storage Management	232,100	199,285
463	Vanguard Administration	61,060	61,060
468	MySQL Subscription	105,197	105,197
469	VMWare Software Maintenance	171,301	611,651
470	Microsoft VDA Licensing (Subscription)	534,000	520,000
471	Catalog Recovery Software - zOS Data Backup	5,500	0
472	SDI TN3270 Emulation	34,100	31,330
473	DB2 Maintenance(SHI)	1,404,874	1,715,739
474	Software - Maintenance Renewals AD	121,940	128,000
477	SAN Software	954,000	1,271,500
478	Vranger Software Maintenance	35,000	28,000
481	Software -Subscription -ShareGate (w/ lic increase)	6,600	15,000
482	Software -Maintenance -MS SelectPlus	3,800	15,000
483	JIRA Software Maintenance plus plugin	97,800	137,000

Expenses and Equipment

Code	Description	FY22	FY23
487	Solimar iConvert	39,520	40,310
489	uDeploy software Maintenance	74,950	82,444
490	Rocket SW Mainstar Fast Audit,DASD,Catalog Recovery	33,000	36,000
491	ITSM Tool Maintenance - cherwell	136,000	150,000
492	Office 365 ProPlus	592,021	637,000
494	Tidal Maintenance	47,985	52,784
498	Enterprise OnBase Licenses	225,000	225,000
499	AppViewX Software Maintenance	34,118	37,530
503	Deduplication/Replct Purchase-DistBU-Rcvry	300,000	650,000
510	Servers - AD	48,000	48,000
514	VM Hardware Purchase	312,125	635,000
516	VDI End-Point Device	40,000	0
517	VDI Server and Upgrades	467,997	233,720
519	DistSys SAN Hardware Upgrade	532,000	448,333
520	z/OS InfoPrint Hardware Purchase	820,000	1,110,000
532	NOC - Desktop Computer Equipment	3,200	3,200
533	zOS Data Backup Purchase	504,863	240,000
536	Security Review Audit	30,000	30,000
537	Plesk License Purchase	1,188	0
538	Box software subscription For Enterprise	256,516	252,100
539	OnBase Adminstration and Utility Software	4,500	6,500
540	Print Room Changes	610,000	0
601	Enterprise License for SQL (New)		132,181
606	TSM Software Purchase (SKLM)	27,000	27,000
607	VM Software Purchase	257,971	343,400
608	Vranger License Enhancement	7,000	10,000
609	VMWare View Licensing-GROWTH	16,000	0
618	Microsoft System Center Suite - SCOM	43,000	43,000
620	Foglight license purchase/maintenance	44,000	44,000
622	New Enterprise OnBase Modules (DIR Imp, WRFL Approv, DOCSIGN)	0	16,000
629	ITSM Tool Software		23,400
633	Exchange Server License Purchase	30,000	60,000
634	Enterprise Vault Renewal	270,000	300,000
635	Proofpoint Mail Relay Software (90% total cost)	450,000	490,000
636	Quadrotech Flightdeck PST software	12,000	71,000
640	SQL Software	392,667	396,494
641	MySQL Software encryption	15,483	19,784
648	Cert Costs	508	560
654	Rave Texting	5,000	0
657	Software Delivery Tool (Big Fix)	25,000	27,500
660	SharePoint Server Licenses	65,000	26,000
661	Creator license		290,253
662	App Response		55,000
663	Appliation Mapping Tool		150,000
704	Paper	430,000	747,500
706	Printer Supplies	190,000	200,000
802	MS Premier Support and other Support	225,000	473,725
808	Internet Expenses	40,000	44,000
811	Office Supplies, Equipment and Maintenance	22,000	30,000
812	Cell Phones	29,000	20,000
813	Electrical Distribution, Maintenance	20,000	275,000
814	Postage/Inter Agency Mail Delivery	300	200
816	Racks, Cabinets, Furniture & Building Changes	100,000	110,000
818	S390 SoftwarExcel	114,966	116,119
820	Subscriptions & Publications	2,000	1,000
821	Telephone Service and Equipment	36,700	85,000

Expenses and Equipment

Code	Description	FY22	FY23
822	Training & Professional Development	115,000	10,000
823	Travel	10,000	5,000
824	Resource Oversight	45,000	46,000
825	VPN - Access Charge	1,500	5,000
827	SSL Certificates	1,000	500
829	Shredding	2,000	2,000
830	SAN/NAS Support Line	52,800	50,000
831	Disaster Recovery Rental (Springnet)	515,000	500,000
832	Disaster Recovery Electric (Springnet)	125,000	120,000
835	Contractor Services	10,000	10,000
835	Exchange Contractor Services	100,000	60,000
836	Exchange Training/Travel/Tools for Staff	2,000	2,000
838	SAN Training/Travel/Tools for Staff		3,000
839	SQL Training /Travel/Tools for Staff	40,416	40,324
840	SharePoint Training /Travel/Tools for Staff	21,800	16,000
841	VM Training/Travel/Tools for Staff	5,000	5,000
842	TSM Training/Travel/Tools for Staff	7,500	3,500
845	WAS Training/Travel/Tools for Staff	15,040	15,360
848	MobaXterm, MiniTab (software tools)	0	6,400
853	SSRS Training /Travel/Tools for Staff		17,874
857	Calero Software and Billing Expenses	30,000	37,000
858	Billing System	15,000	20,000
859	CPU Training/Travel/Tools for Staff	20,000	20,000
860	CICS Training/Travel/Tools for Staff	10,000	10,000
863	Watson & Walker Publication	1,530	1,570
869	Web Utility Training / Travel / Tools	7,720	8,875
872	NOC Training /Travel/Tools	78,200	49,200
873	Staff Training	35,900	27,200
874	Staff Training	29,427	39,046
876	Proofpoint/support srvc/hardware replacement	11,000	11,000
880	JIRA Training/Travel/Tools for Staff	1,198	2,930
881	MySQL Training /Travel/Tools for Staff	5,000	5,000
882	DB2 LUW Training/Travel/Tools	44,120	46,210
883	Tableau Training/Tools/travel		10,000
884	ITSM Training	20,000	20,000
885	Neodynamic Barcode		2,988
886	Priority Support	4,869	4,869
887	BOX Training/Travel/Tools for Staff	3,912	5,540
888	CPU Professional Services	40,000	40,000
889	Training/Travel/Tools for Staff	34,892	5,000
897	Contractor Assessment		100,000
M01	Encryption Maintenance	12,500	13,375
M05	WAS Encryption - Guardium	12,358	23,635
M06	SSRS Encryption- Guardium		687
M07	DistSys SSL Certificates	3,500	3,500
M08	Plesk Maintenance	6,534	7,255
M09	Server Core - Internal		150,000
M19	Software - Kwizcom (DataSheet View)	41,230	1,600
M20	CICS Performance Analyzer	26,900	26,900
M21	InfoPath Forms stop gap		325,000
M22	ShareGate plug-in for Forms bridge product		10,500
M23	Vanguard Security Center		94,000
	Total	**30,630,003**	**32,432,712**

Five Year Rate Summary

Num.	Category Description	FY23	FY22	FY21	FY20	FY19
1	Laser Feet Printed			0.044	0.045	0.043
1	Lines (Impact) Printed/1000			0.528	0.532	0.453
1	Laser Feet Printed/Duplex			0.035	0.0357	0.034
1	Simplex Rate (by page)	0.06	0.06			
1	Duplex Rate (by page)	0.05	0.05			
2	CPU Service Units/1000	0.0056	0.0053	0.0061	0.0069	0.0071
3	CICS Transactions	0.0012	0.0012	0.0011	0.0009	0.0009
5	zOS Enterprise Data Backup/GB Day	0.0035	0.0049	0.0057	0.0055	0.0040
7.1	AD User ID per Month	1.34	1.19	1.12	1.01	1.43
7.2	Exchange Mailbox per Month	7.34	6.79	6.34	5.92	6.40
8	zOS Data Storage/GB Day	0.061	0.067	0.068	0.085	0.085
10	zOS IDMS Run Units	0.0069	0.0060	0.0041	0.0040	0.0035
11	zOS DB2 Service Units/1000	0.0033	0.0031	0.0050	0.0037	0.0033
15	VM per Image per Month	42.69	66.05	61.83	72.63	82.77
16	SAN per 1GB per Month	0.1576	0.1664	0.1834	0.1922	0.1971
19	DistSys Backup-Recovery/GB per Month	0.050	0.0620	0.0705	0.0577	0.0517
21	WAS per JVM Heap Size	59.20	41.03	48.65	53.89	63.94
23	SQL per Base Unit per Month	40.16	37.53	38.50	37.20	35.42
23	SQL Memory per GB per Month	4.46	4.12	4.45	3.85	4.82
23	SQL Overage per GB per Month	0.53	0.52	0.67	0.95	0.90
23	SQL License per License per Month	140.07	132.32	138.06	111.84	121.98
26	Server Support/Month	150.73	115.24	90.53	94.59	100.31
27	VDI per Virtual Desktop per Month	37.09	27.86	34.72	33.67	29.33
27	VDI - Office 365	14.16	10.92	10.34	8.65	9.06
27	RDP Pool Users VDI per Month	15.21	7.72	10.58	10.33	10.91
28	sFTP Account per Month	1.36	2.73	2.78	2.19	1.78
29	SharePoint/GB/Month	20.82	16.93	25.12	18.20	3,244.22
33	SSRS per Enterprise Instance	118.20	95.13	75.78	70.56	78.89
33	SSRS Per Dedicated Instance	459.69	451.00	376.20	297.47	359.93
34	JIRA	24.91	10.85	3.40	5.75	4.68
42	OnBase ECM	24.62	19.58	18.50	18.29	18.86
43	Web Utility	12.00	11.32	13.91	12.18	8.98
44	MySQL Base	92.81	83.16	100.48	86.33	88.78
44	MySQL Overage	1.01	0.79	1.39	1.37	5.71
45	Web Hosting	15.25	14.26	11.21	10.61	12.60
47	Tableau			54.98	87.41	77.68
47	Tableau Enterprise-Base/agency/month	47.90	47.90			
47	Tableau Enterprise -Internal/project/mo	Allocation	Allocation			
48	DB2LUW Base	361.58	274.15	185.73	155.85	133.06
48	DB2LUW Memory	10.59	6.59	4.28	3.78	3.11
48	DB2LUW Overage	3.50	3.02	1.92	1.72	1.43
48	DB2LUW License	953.58	745.21	491.74	343.54	309.10
49	BOX	29.25	15.96	21.28	21.24	21.21

Category 1 Lines/Feet Printed

Unit of Service		Page	Page
Utilization		**54,853,165**	**50,888,686**
Duplex	**80%**	36,677,743	36,448,191
Simplex		18,175,422	14,440,495

Budgeted Costs		FY22	FY23
Direct Personnel		294,520	392,551
Fringe Benefits		159,041	215,903
Personal Services		**453,561**	**608,453**
120	DR Print Services	118,000	152,000
222	Print Burster/Trimmer/Stacker	115,000	100,000
223	Print Usage	140,000	130,000
224	Printer-Impact	5,000	2,000
225	Printer-Laser	80,000	80,000
246	QCX E138 MICR Verifier	2,500	-
311	AFP Toolbox (Toolkit)	3,000	3,000
328	OGL	6,000	6,000
330	Page Print Format Aid/370 V1 PPFA	4,000	4,000
332	PSF	40,000	40,000
365	Enhanced ACIF	4,500	4,500
456	Distributed Print Software Maintenance		82,500
520	z/OS InfoPrint Hardware Purchase	820,000	1,110,000
540	Print Room Changes	610,000	-
Hardware/Software Expense & Equipment Total		**1,948,000**	**1,714,000**
704	Paper	430,000	747,500
706	Printer Supplies	190,000	200,000
Expendable Supplies Total		**620,000**	**947,500**
829	Shredding	2,000	2,000
General Support Expense Total		**2,000**	**2,000**
Depreciation		168,424	290,866
Capital Purchases		(800,000)	(1,110,000)
Total Capital Cost		**(631,576)**	**(819,134)**
Dist BU Rec		1,645	225
SAN		2,147	1,538
SQL		3,584	-
VM		9,637	3,949
Job Costs Total		**17,013**	**5,711**
NOC		174,731	216,757
Indirect Cost		157,444	207,458
Indirect Subtotal		**332,176**	**424,215**
Forward Adjustment			(300,000)
Costs With Roll Forward Adjustments		**2,741,174**	**2,582,745**
Total Service Costs		**2,741,174**	**2,582,745**
Estimated Revenue		**2,741,174**	**2,582,745**
Simplex Rate		**$0.06**	**$0.06**
		Per Page	Per Page
Duplex Rate		**$0.05**	**$0.05**
		Per Page	Per Page

Impact Print (per 1,000) Rate

*Print: Reports printed on the high speed production printers are billed based on page with discount for Duplex.

Category 2   CPU Service Units

Unit of Service	CPU Service Units	CPU Service Units
Utilization	**1,310,794,275,960**	**1,336,014,411,646**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	385,074	449,782
Fringe Benefits	207,940	242,882
Personal Services	**593,013**	**692,664**
103 CPU	1,023,235	1,167,492
108 Disaster Recovery CPU (Springfield Site)	160,000	40,000
214 External Coupling Facility	32,300	28,000
305 BMC Mainview	122,470	122,470
308 COBOL for MVS	96,350	96,350
309 Mackinney Software JQP/VVP	9,156	9,339
321 Interactive Output Facility (IOF)	6,500	6,500
329 OS/390	1,306,746	1,306,746
331 Enterprise PL/1 Alternate Function	88,900	88,900
404 CA Interest W/XA-ESA-Batch	48,180	48,180
406 CA Librarian	164,362	164,362
408 CA Restart/Recover (CA11)	3,200	3,200
410 CA Scheduling Package (CA7)	175,192	175,192
414 Omegamon for CICS	66,000	66,001
415 CL/Supersession for z/OS	71,800	71,800
417 IBM Tivoli Omegamon XE z/OS V2	131,500	131,500
420 SEA JCL Plus	22,574	23,702
421 Document Management Systems (MOBIUS)	595,000	680,000
422 Dumpmaster MVS	129,800	133,694
424 Precisely Code-1 and Zip+4	28,100	28,100
429 Insync MVS	108,800	112,064
431 Tic Toc	10,185	10,900
434 Connect:Direct	30,000	30,000
435 Merrill Consultants MXG	2,500	2,500
436 MVS Quick Reference	40,500	42,525
443 SAS Base	118,285	118,285
444 SAS/STAT	82,431	82,431
445 SAS/ACCESS	79,259	79,259
447 SAS/ETS	82,431	82,431
452 Precisely SyncSort (MFX for z/OS)	33,569	34,240
463 Vanguard Administration	61,060	61,060
M23 Vanguard Security Center		94,000
472 SDI TN3270 Emulation	34,100	31,330
487 Solimar iConvert	39,520	40,310
536 Security Review Audit	30,000	30,000
Hardware/Software Expense & Equipment Total	**5,034,005**	**5,242,863**
818 S390 SoftwarExcel	114,966	116,119
859 CPU Training/Travel/Tools for Staff	20,000	20,000
888 CPU Professional Services	40,000	40,000
863 Watson & Walker Publication	1,530	1,570
General Support Expense Total	**176,496**	**177,689**
Depreciation	45,000	22,778
Capital Purchases	(225,000)	(205,000)
Total Capital Cost	**(180,000)**	**(182,222)**

Category 2   CPU Service Units

Unit of Service	CPU Service Units	CPU Service Units
Utilization	**1,310,794,275,960**	**1,336,014,411,646**
Budgeted Costs	**FY22**	**FY23**
AD	16,000	13,000
Dist BU Rec	16,000	10,000
Exchange	18,000	18,000
Print	35	30
Server Support	2,200	2,800
SAN	18,000	24,000
SQL	900	1,500
VDI	4,000	4,000
VM	30,000	42,000
WAS	3,500	3,500
zOS Data BU	200,000	200,000
zOS Data Storage	200,000	160,000
Job Costs Total	**508,635**	**478,830**
NOC	444,782	565,123
Indirect Cost	400,778	540,881
Indirect Subtotal	**845,560**	**1,106,004**
Total Service Costs	**6,977,709**	**7,515,827**
Estimated Revenue	**6,977,709**	**7,515,827**
Rate	**$0.0053**	**$0.0056**

Prime/Peak Time Utilization for CPU will be billed at 100% of the CPU Rate

Non-Prime/Off Hours Utilization for CPU will be billed at 75% of the CPU Rate.

Low Priority Utilization for CPU will be billed at 65% of the CPU Rate.

*CPU Service Unit: A mainframe's measurement of the amount of CPU consumption for a job or transaction.

CPU Priority Adjustment: CPU Priority Adjustments are based on the batch job priority class defined by the customer and the time of day for TSO usage. Low priority jobs are billed at 75 percent of the normal CPU rate. Low priority jobs are processed during the second and third shifts. Class One jobs are billed at 65 percent of the normal CPU rate. These jobs are processed during weekends and holidays. TSO, CPU, and FOCUS CPU usage during non-prime hours (5pm to 7am) and are billed at 75 percent of the normal CPU rate.

Category 3   CICS Transactions

Unit of Service		CICS Transactions	CICS Transactions
Utilization		**1,676,429,122**	**1,750,641,028**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		96,082	142,268
Fringe Benefits		51,884	76,824
Personal Services		**147,967**	**219,092**
306	CICS Transaction Gateway	131,400	131,400
307	CICS/TS V5	744,500	744,500
324	WebSphere MQ	471,000	471,000
333	SDF II	28,550	28,550
405	CA Interest W/XA-ESA-CICS	107,430	107,430
M20	CICS Performance Analyzer	26,900	26,900
Hardware/Software Expense & Equipment Total		**1,509,780**	**1,509,780**
860	CICS Training/Travel/Tools for Staff	10,000	10,000
General Support Expense Total		**10,000**	**10,000**
zOS Data BU		9,000	8,000
zOS Data Storage		6,900	6,900
zOS DB2		11,000	8,500
zOS IDMS		10,000	3,000
Job Costs Total		**36,900**	**26,400**
NOC		123,643	155,635
Indirect Cost		111,410	148,959
Total Allocated		**235,053**	**304,595**
Total Service Costs		**1,939,700**	**2,069,867**
Estimated Revenue		**1,939,700**	**2,069,867**
Rate		**$0.0012**	**$0.0012**
		Per Transaction	Per Transaction

CICS Transaction: A CICS Transaction is a request made at a workstation for a display or storage of information from a mainframe application.

Category 5   zOS Data Backup GB/Day

Unit of Service	zOS Data Backup GB/Day	zOS Data Backup GB/Day
Utilization	**193,000,000**	**200,000,000**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	65,390	60,152
Fringe Benefits	35,311	35,965
Personal Services	**100,701**	**96,117**
233 GTX Qualifier Maintenance	3,000	3,000
237 z/OS Virtual Tape maintenance		30,000
411 CA TMS (CA1)	195,000	195,000
446 CA Copycat Utility (formerly listed as Rocket)	25,000	25,000
471 Catalog Recovery Software - zOS Data Backup	5,500	
533 zOS Data Backup Purchase	504,863	240,000
Hardware/Software Expense & Equipment Total	**733,363**	**493,000**
Depreciation	4,167	3,125
Capital Purchases		
Total Capital Cost	**4,167**	**3,125**
Job Costs		
AD	100	1,500
Mainframe	-	1,400
VDI	-	4,100
zOS Data Storage	918	
Job Costs Total	**1,018**	**7,000**
NOC	60,873	52,832
Indirect	54,851	50,566
Total Allocated	**115,724**	**103,398**
Total Service Costs	**954,973**	**702,640**
Estimated Revenue	**954,973**	**702,640**
Rate	**$0.00495**	**$0.00351**
	Per GB Per Day	Per GB Per Day

*zOS Enterprise Data Backup: zOS Enterprise Data Backup: zOS Enterprise Data Backup is the utilization of tape backup storage space in the Mainframe environment. Utilization of storage is measured in gigabytes allocated to backup lpars/data sets.

Category 7.1   Active Directory

Unit of Service

	AD Accounts	AD Accounts
Utilization AD User ID	**808,140**	**806,592**

Budgeted Costs	**FY22**	**FY23**
Direct Personnel	319,249	340,233
Fringe Benefits	172,394	187,128
Personal Services	**491,643**	**527,361**
M07 DistSys SSL Certificates	3,500	3,500
474 Software - Maintenance Renewals AD	121,940	128,000
510 Servers - AD	48,000	48,000
Hardware/Software Expense & Equipment Total	**173,440**	**179,500**
835 Contractor Services	10,000	10,000
889 Training/Travel/Tools for Staff	9,968	5,000
General Support Expense Total	**19,968**	**15,000**
Depreciation	5,862	2,578
Capital Purchases		
Total Capital Cost	**5,862**	**2,578**
Job Dist BU Rec	57,000	68,600
Srvr Spprt	8,700	11,000
Remote Server Support	0	15,000
Exchange	200	200
VDI	5,000	3,300
SQL	5,000	13,000
VM	75,700	78,000
MainFrame	3,600	3,100
AD	300	5,600
Splunk	0	0
Job Costs Total	**155,500**	**197,800**
NOC	61,393	81,309
Indirect Cost	55,319	77,821
Indirect Subtotal	**116,712**	**159,131**
Total Service Costs	**963,125**	**1,081,370**
Estimated Revenue	**963,125**	**1,081,370**
Rate	**$1.19**	**$1.34**

*Active Directory:** Active Directory (AD) provides a means to securely authenticate users and access network resources, such as file shares, applications, etc.

Category 7.2   Exchange

Unit of Service		Exchange Users	Exchange Users
Utilization Exchange		**559,380**	**542,088**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		289,107	342,130
Fringe Benefits		156,118	188,172
Personal Services		**445,225**	**530,302**
343	Antivirus for Exchange	155,000	160,000
633	Exchange Server License Purchase	30,000	60,000
634	Enterprise Vault Renewal	270,000	300,000
635	Proofpoint Mail Relay Software (90% total cost)	450,000	490,000
636	Quadrotech Flightdeck PST software	12,000	71,000
Hardware/Software Expense & Equipment Total		**917,000**	**1,081,000**
835	Exchange Contractor Services	100,000	60,000
836	Exchange Training/Travel/Tools for Staff	2,000	2,000
876	Proofpoint/support srvc/hardware replacement	11,000	11,000
General Support Expense Total		**113,000**	**73,000**
Depreciation			847
Capital Purchases			
Total Capital Cost			**847**
Job Costs			
Dist BU Rec		549,462	507,281
SAN		760,000	726,343
VDI		4,800	3,908
SQL		112,500	114,098
VM		422,000	348,426
AD			6,972
Job Costs Total		**1,848,762**	**1,707,028**
NOC		241,098	299,072
Indirect Cost		217,245	286,242
Indirect Subtotal		**458,343**	**585,314**
Total Service Costs		**3,782,330**	**3,977,491**
Estimated Revenue		**3,782,330**	**3,977,491**
Rate		**$6.79**	**$7.34**

*__Exchange:__ Exchange services are those related to email provided by ITSD. The costs are based on the number of accounts and/or the amount of email stored on the servers.

Category 8   zOS Data Storage GB/Day

Unit of Service	zOS Data Storage GB/Day	zOS Data Storage GB/Day
Utilization	**12,350,000**	**13,900,000**

Budgeted Costs		FY22	FY23
Direct Personnel		54,554	41,226
Fringe Benefits		29,459	22,674
Personal Services		**84,013**	**63,900**
106	DASD Growth	296,605	291,744
205	DASD maintenance	100,000	109,000
303	Softek TDMF Replicator for zOS	67,000	69,000
313	DSF/DSS/HSM	146,000	148,000
360	IBM SKLM encryption licenses	3,000	5,000
490	Rocket SW Mainstar Fast Audit,DASD,Catalog Recovery	33,000	36,000
Hardware/Software Expense & Equipment Total		**645,605**	**658,744**
NOC		52,921	63,712
Indirect Cost		47,685	60,979
Total Allocated		**100,606**	**124,691**
Total Service Costs		**830,224**	**847,334**
Estimated Revenue		**830,224**	**847,334**
Rate		**$0.067**	**$0.061**
		Per GB Per Day	Per GB Per Day

*zOS Data Storage: zOS Data Storage provides direct access storage for mainframe data. Utilization of storage is measured in gigabytes allocated to lpars/data sets.

Category 10   zOS IDMS

Unit of Service	zOS IDMS	zOS IDMS
Utilization	**249,640,928**	**260,224,000**

Budgeted Costs	**FY22**	**FY23**
Direct Personnel	44,151	84,364
Fringe Benefits	23,842	46,400
Personal Services	**67,993**	**130,764**
412 CA UNIPAK	1,231,612	1,231,612
Hardware/Software Expense & Equipment Total	**1,231,612**	**1,231,612**
Print	26	26
zOS Data BU	942	816
zOS Data Storage	7,874	8,064
Job Costs Total	**8,842**	**8,906**
NOC	94,905	120,899
Indirect Cost	85,516	115,713
Total Allocated	**180,421**	**236,612**
Forward Adjustment		**200,000**
Costs With Roll Forward Adjustments		**1,807,894**
Total Service Costs	**1,488,868**	**1,807,894**
Estimated Revenue	**1,488,868**	**1,807,894**
Rate	**0.0060**	**0.0069**
	Per Run Unit	Per Run Unit

*zOS IDMS: zOS IDMS is a CA/Broadcom mainframe hierarchical relational database solution that provides an agency the ability to store its business data for later retrieval and decision making. zOS IDMS Service Unit is a measurement of the amount of system resources a process in IDMS uses to complete its request.

Category 11 zOS DB2

Unit of Service	zOS DB2	zOS DB2
Utilization	**781,648,887,214**	**772,839,540,000**

Budgeted Costs		FY22	FY23
Direct Personnel		200,365	270,278
Fringe Benefits		107,126	148,653
Personal Services		**307,491**	**418,931**
338	DB2 for Z/OS V12	683,082	683,082
341	UDB - DB2 Utilities Suite	42,671	42,671
416	IBM Tivoli Omegamon XE DB2 V4	159,815	159,815
419	DB2 Connect	366,589	366,589
440	Platinum DB2 Tools	564,174	564,174
Hardware/Software Expense & Equipment Total		**1,816,331**	**1,816,331**
zOS Data BU		16,208	20,064
zOS Data Storage		17,478	22,088
VDI Desktops			1,632
Job Costs Total		**33,686**	**43,784**
NOC		156,490	200,932
Indirect Cost		141,008	192,313
Total Allocated Cost		**297,498**	**393,245**
Total Service Costs		**2,455,006**	**2,672,291**
Estimated Revenue		**2,455,006**	**2,672,291**
Rate		**$0.0031**	**$0.0033**
		Per 1,000 Service Units	Per 1,000 Service Units

*zOS DB2: zOS DB2 is a IBM mainframe relational database solution that provides an agency the ability to store its business data for later retrieval and decision making.

The DB2 Service Unit is a measurement of the amount of system resources a process in DB2 uses to complete its request.

Category 15 VM

Unit of Service	VM	VM
Utilization	**30,000**	**28,056**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	358,050	320,635
Fringe Benefits	193,347	176,349
Personal Services	**551,397**	**496,984**
119 VM Hardware Purchase Lease	513,264	583,699
238 VM Server and Storage Maintenance	44,000	63,400
344 Vmware vCloud Enterprise Suite	1,228,000	0
427 Red Hat Enterprise/Network Satellite Maint	100,000	125,000
433 Symantec EndPoint Protection Subsc. - VM	22,000	25,000
514 VM Hardware Purchase	312,125	635,000
607 VM Software Purchase	257,971	343,400
620 Foglight license purchase/maintenance	44,000	44,000
Hardware/Software Expense & Equipment Total	**2,521,360**	**1,819,499**
841 VM Training/Travel/Tools for Staff	5,000	5,000
General Support Expense Total	**5,000**	**5,000**
Depreciation	50,083	113,319
Capital Purchases	0	
Total Capital Cost	**50,083**	**113,319**
Estimated Extra CPU Revenue	(300,000)	(300,000)
Estimated Extra Memory Revenue	(1,400,000)	(1,450,000)
Dist BU Rec	20,000	17,000
SAN	65,000	40,000
SQL	17,208	15,500
AD	1,000	1,200
Server Support	4,380	5,500
Job Costs Total	**107,588**	**79,200**
NOC	234,675	221,647
Indirect Cost	211,457	212,139
Total Service Costs	**1,981,560**	**1,197,789**
Estimated Revenue	**1,981,560**	**1,197,789**
Rate	**$66.05**	**$42.69**
	Per Image/Month	Per Image/Month

Additional charge of $4.00 per Month extra for every one (1) GB of memory over 2 GB.

Additional charge of $7.00 per Month extra for every one (1) additional virtual CPU over 2 vCPUs.

*Virtual Machine (VM): A VM is a virtualized server, which allows multiple VM's to run on a single physical host.

Category 16   SAN

Unit of Service		SAN	SAN
Utilization		**21,600,000**	**24,000,000**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		83,785	110,959
Fringe Benefits		45,244	61,028
Personal Services		**129,029**	**171,987**
113	SAN DASD	1,170,000	1,205,912
231	SAN Sever and Storage Maintenance	220,850	54,000
245	DistSys SVC Hardware Maint	25,000	10,000
477	SAN Software	954,000	1,271,500
519	DistSys SAN Hardware Upgrade	532,000	448,333
Hardware/Software Expense & Equipment Total		**2,901,850**	**2,989,745**
830	SAN/NAS Support Line	52,800	50,000
838	SAN Training/Travel/Tools for Staff		3,000
General Support Expense Total		**52,800**	**53,000**
Depreciation		75,500	4,299
Capital Purchases			0
Total Capital Cost		75,500	4,299
Server Support			6,000
Backup			1,000
Job Costs Total			**7,000**
NOC		229,144	284,423
Indirect Cost		206,474	272,223
Total Allocated		435,618	556,646
Forward Adjustment			-
Costs With Roll Forward		**3,594,797**	**3,782,677**
Adjustments			
Total Service Costs		**3,594,797**	**3,782,677**
Estimated Revenue		**3,594,797**	**3,594,797**
Rate		**$0.1664**	**$0.1576**
		Per GB Per Month	Per GB Per Month

Storage Area Network: SAN is the disk storage allocated to both virtual and physical servers. Utilization of

Category 19 DistSys Backup-Recovery

Unit of Service	DistSys Backup-Recovery	DistSys Backup-Recovery
Utilization	**44,400,000**	**52,000,000**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	212,324	239,080
Fringe Benefits	114,655	116,778
Personal Services	**326,979**	**355,859**

107	Deduplication/Replication HW Lease	686,322	136,000
206	Server/Storage Maintenance	169,000	300,000
363	EMC Software ELA (FY22 last year)	384,706	
460	Tivoli Storage Management	232,100	199,285
478	Vranger Software Maintenance	35,000	28,000
503	Deduplication/Replct Purchase-DistBU-Rcvry	300,000	650,000
606	TSM Software Purchase (SKLM)	27,000	27,000
608	Vranger License Enhancement	7,000	10,000
Hardware/Software Expense & Equipment Total		**1,841,128**	**1,350,285**

842	TSM Training/Travel/Tools for Staff	7,500	3,500
General Support Expense Total		**7,500**	**3,500**

Depreciation	190,479	286,696
Capital Purchases		
Total Capital Cost	**190,479**	**286,696**

Job Costs		
SAN	2,000	2,200
Server Support	7,000	-
VM	34,500	35,000
Job Costs Total	**43,500**	**37,200**

NOC	174,774	179,287
Indirect Cost	157,483	171,596
Total Allocated	**332,257**	**350,884**
Forward Adjustment		200,000
Costs With Roll Forward	**2,741,843**	**2,584,423**
Adjustments		
Total Service Costs	**2,741,843**	**2,584,423**
Estimated Revenue	**2,741,843**	**2,584,423**
Rate	**$0.062**	**$0.050**
	Per GB per month	Per GB per month

*DistSys Backup and Recovery: DistSys backup and recovery provides data protection services for virtual

Category 20 Indirect

Unit of Service	Indirect	Indirect
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	714,557	1,043,314
Fringe Benefits	385,861	611,121
Personal Services	**1,100,418**	**1,654,436**
239 Batteries/UPS Maintenance	160,000	185,000
240 Generator Maintenance	59,000	70,000
802 MS Premier Support and other Support	225,000	473,725
808 Internet Expenses	40,000	44,000
811 Office Supplies, Equipment and	22,000	30,000
812 Maintenance Cell Phones	29,000	20,000
813 Electrical Distribution, Maintenance	20,000	275,000
814 Postage/Inter Agency Mail Delivery	300	200
816 Racks, Cabinets, Furniture & Building	100,000	110,000
820 Changes Subscriptions & Publications	2,000	1,000
821 Telephone Service and Equipment	36,700	85,000
822 Training & Professional Development Travel	115,000	10,000
823 Resource Oversight	10,000	5,000
824 VPN - Access Charge	45,000	46,000
825 SSL Certificates	1,500	5,000
827 Disaster Recovery Rental (Springnet)	1,000	500
831 Disaster Recovery Electric (Springnet)	515,000	500,000
832 Calero Software and Billing Expenses	125,000	120,000
857 Billing System	30,000	37,000
858 Contractor Assessment	15,000	20,000
897		100,000
General Support Expense Total	**1,551,500**	**2,137,425**
Depreciation	66,540	131,163
Capital Purchases	(90,000)	(330,200)
Total Service Costs	**2,628,459**	**3,592,823**

Category 21 WAS

Unit of Service		WAS	WAS
Utilization	(Java Heap Size)	**19,128**	**19,752**

Budgeted Costs		**FY22**	**FY23**
Direct Personnel		108,168	145,785
Fringe Benefits		58,411	80,182
Personal Services		**166,579**	**225,967**
428	Tivoli WAS/ND - lease ELO	333,333	588,306
M05	WAS Encryption - Guardium	12,358	23,635
Hardware/Software Expense & Equipment Total		**345,691**	**611,941**
845	WAS Training/Travel/Tools for Staff	15,040	15,360
General Support Expense Total		**15,040**	**15,360**
Depreciation		12,589	-
Capital Purchases		0	-
Total		**12,589**	**-**
Dist BU Rec		16,243	16,243
SAN		10,471	9,175
AD		1,690	1,082
DB		9,238	8,098
VM		112,377	109,352
Job Costs Total		**150,019**	**143,951**
NOC		49,938	87,920
Indirect		44,997	84,148
Indirect Cost		**94,935**	**172,068**
Total Service Costs		**784,854**	**1,169,287**
Estimated Revenue		**784,854**	**1,169,287**
Rate		**$41.03**	**$59.20**
		Per JVM Heap Size	Per JVM Heap Size

WebSphere Application Server (WAS): WAS is an Enterprise IBM Application platform that serves up JAVA Web Applications to users.

Category 23 SQL

Unit of Service		SQL	SQL
Utilization-Base	**33%**	**35,736**	**35,376**
Utilization-Memory	**3%**	**28,692**	**28,968**
Utilization-Overall	**46%**	**3,331,560**	**3,734,040**
Utilization-License	**18%**	**5,664**	**5,532**
	100%		
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		555,250	646,244
Fringe Benefits		299,835	355,435
Personal Services		**855,086**	**1,001,679**
451	SA Licenses for SQL	840,179	744,625
601	Enterprise License for SQL (New)		132,181
640	SQL Software	392,667	396,494
Hardware/Software Expense & Equipment Total		**1,232,846**	**1,273,300**
839	SQL Training /Travel/Tools for Staff	40,416	40,324
General Support Expense Total		**40,416**	**40,324**
Depreciation		2,830	-
Capital Purchases			
Total Capital Cost		**2,830**	**-**
AD		45,548	36,000
Dist BU Rec		28,836	22,000
Server Support		1,080	-
SAN		940,000	946,000
VM		320,000	352,000
Job Costs Total		**1,335,464**	**1,356,000**
NOC		251,445	323,681
Indirect Cost		226,569	309,796
Total Allocated		**478,014**	**633,477**
Total Service Costs		**3,944,656**	**4,304,780**
Estimated Revenue		**3,944,656**	**4,304,780**
		SQL Base	SQL Base
Base Rate		**$37.53**	**$40.16**
		SQL Memory	SQL Memory
Memory Rate		**$4.12**	**$4.46**
		SQL Overage	SQL Overage
Overage Rate		**$0.52**	**$0.53**
		SQL License	SQL License
License Rate		**$132.32**	**$140.07**

*SQL: SQL is a Microsoft relational database solution that provides an agency the ability to store its business data for later retrieval
• **SQL Database Base -** Cost driven by the number of databases

Category 26 Server Support

Unit of Service **Utilization**		**Server Support** **3780**	**Server Support** **3732**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		233,402	302,101
Fringe Benefits		126,037	166,156
Personal Services		**359,439**	**468,257**
229	Remote Server Maintenance	1,500	-
340	Microsoft Server Operating System Subsc.	16,200	5,000
342	Symantec EndPoint Protection Subsc.-RSS	500	2,000
Hardware/Software Expense & Equipment Total		**18,200**	**7,000**
Job Costs			
Dist BU Rec		600	400
MySQL		2,400	2,000
RSS		1,100	-
SAN		250	400
VM		820	1,700
Total Job Costs		**5,170**	**4,500**
NOC		27,766	42,298
Indirect Cost		25,019	40,483
Total Service Costs		**435,594**	**562,538**
Estimated Revenue		**435,594**	**562,538**
Rate		**$115.24** Per Server Per Mo	**$150.73** Per Server/Month

*Server Support: Server Support encompasses the infrastructure management of physical servers, both in the SDC and in remote offices. Infrastructure management includes installing the OS, maintaining the hardware, providing anti-virus and windows updates, and providing troubleshooting services when issues arise.

Category 27 VDI

Unit of Service		VDI	VDI
Utilization	**Standard**	**54,200**	**45,000**
	Standard-No Office	**1,224**	**1,100**
	Basic	**10,000**	**28,100**

Budgeted Costs		FY22	FY23
Direct Personnel			
Fringe Benefits			
Personal Services		0	0
243	VDI Server Maintenance	35,200	29,000
244	VDI Storage Maintenance	30,000	30,000
469	VMWare Software Maintenance	171,301	611,651
470	Microsoft VDA Licensing (Subscription)	534,000	520,000
492	**Office 365 ProPlus**	**592,021**	**637,000**
516	VDI End-Point Device	40,000	0
517	VDI Server and Upgrades	467,997	233,720
609	VMWare View Licensing-GROWTH	16,000	0
Hardware/Software Expense & Equipment Total		**1,886,519**	**2,061,371**
Depreciation		226,646	211,957
Capital Purchases			
Total Capital Cost		**226,646**	**211,957**
AD		150	160
Dist BU Rec		7,050	7,000
SAN		40,000	40,000
SQL		11,000	5,600
VM		39,000	40,000
Job Costs Total		**97,200**	**92,760**
NOC		137,168	208,606
Indirect Cost		123,597	199,658
Total Allocated		**260,765**	**408,264**
Forward Adjustment		(335,000)	
Costs With Roll Forward		2,136,130	2,774,352
Adjustments			
Total Service Costs		**2,136,130**	**2,774,352**
Total with Office 365 (for NOC/Indirect allocation)		**2,136,130**	**2,774,352**
Estimated Revenue		**2,136,130**	**2,774,352**
		New rate	
VDI Standard Rate per user per month		**$27.86**	**$37.09**
An additional charge per month for Office 365		**$10.92**	**$14.16**
VDI Basic (Pool) Rate per user per month		**$7.72**	**$15.21**

An additional charge of $4 per Month extra for every one (1) gb of memory over our standard Configuration.

An additional charge of $7 per Month extra for every one (1) additional virtual CPU over 2 vCPUs.

*Virtual Desktop Infrastructure (VDI): VDI is the hosting of a desktop operating system within a virtual machine (VM). The VM runs on a hosted, centralized server. Access to a VDI can be achieved with various end-point devices.

Category 28   sFTP

Unit of Service	sFTP	sFTP
Utilization	**42,000**	**101,580**

Budgeted Costs	**FY22**	**FY23**
Direct Personnel	45,992	53,849
Fringe Benefits	24,836	29,617
	70,828	**83,467**

Personal Services		
439 SFTP Software Maintenance	13,700	11,720
Hardware/Software Expense & Equipment Total	**13,700**	**11,720**

Dist BU Rec	8,641	7,441
AD	66	14
SAN	2,526	7,059
SQL	2,040	4,015
VM	3,095	3,938
Total Job Costs	**16,368**	**22,467**

NOC	7,318	10,373
Indirect Cost	6,594	9,928
Total Allocated	**13,912**	**20,301**

Total Service Costs	**114,808**	**137,955**

Estimated Revenue	**114,808**	**137,955**

Rate **Per Account/month**	**$2.73**	**$1.36**

*SFTP: Secure File Transfer is a secure method of sharing files between State Staff and External Entities. This system may use automated process to transfer data from one location to another.

Category 29 SharePoint

Unit of Service		SharePoint	SharePoint
Utilization		**38,616**	**63,474**

Budgeted Costs		**FY22**	**FY23**
Direct Personnel		73,319	346,684
Fringe Benefits		39,592	190,676
Personal Services		**112,912**	**537,360**
401	Axceler ControlPoint (no longer needed) Software	-	-
481	-Subscription -ShareGate (w/ lic increase)	6,600	15,000
M19	Software - Kwizcom (DataSheet View)	41,230	1,600
482	Software -Maintenance -MS SelectPlus	3,800	15,000
M21	InfoPath Forms stop gap		325,000
M22	ShareGate plug-in for Forms bridge product		10,500
660	SharePoint Server Licenses	65,000	26,000
Hardware/Software Expense & Equipment Total		**116,630**	**393,100**
840	SharePoint Training /Travel/Tools for Staff	21,800	16,000
848	MobaXterm, MiniTab (software tools)	-	6,400
General Support Expense Total		**21,800**	**22,400**
Depreciation		-	100,000
Capital Purchases		-	(300,000)
Total Capital Cost		**0**	**(200,000)**
Job Costs			
AD		90	120
Dist BU Rec		85,000	87,500
SAN		8,000	9,000
SQL		185,000	200,000
VM		45,000	48,000
Job Costs Total		**323,090**	**344,620**
NOC		41,665	114,393
Indirect Cost		37,543	109,485
Total Service Costs		**653,640**	**1,321,358**
Estimated Revenue		**653,640**	**1,321,358**
Rate		**$16.93**	**$20.82**
		Per GB Per Month	**Per GB Per Month**

*SharePoint: SharePoint provides a web-based platform for file sharing and process management.

Category 33   SSRS

Unit of Service **Utilization for Base**	SSRS **1188**	SSRS **276**	SSRS **1,284**	SSRS **288**
Budgeted Costs	**FY22** **Enterprise** **(40%*)**	**FY22** **Dedicated** **(60%*)**	**FY23** **Enterprise** **(40%*)**	**FY23** **Dedicated** **(60%*)**
Direct Personnel	37,210	55,814	39,908	59,862
Fringe Benefits	20,093	30,140	21,949	32,924
Personal Services	**57,303**	**85,954**	**61,857**	**92,786**
458 DistSys SSRS Software Maintenance	11,200	16,800	11,760	17,640
885 Neodynamic Barcode	1,196	1,793	1,195	1,793
M06 SSRS Encryption- Guardium	275	412	275	412
Hardware/Software Expense & Equipment Total	**12,671**	**19,005**	**13,230**	**19,845**
853 SSRS Training /Travel/Tools for Staff	3,418	5,126	17,874	-
General Support Expense Total	**3,418**	**5,126**	**17,874**	**-**
Job Costs				
SAN	1,651		1,098	
SSRS - VM	13,770		13,495	
SSRS - Backup	1,696		1,536	
AD	1,729		1,842	
SSRS - Enterprise DB	6384		5,476	
Job Costs	**25,230**	**-**	**23,448**	**-**
NOC	7,569	7,569	10,097	10,097
Indirect Cost	6,820	6,820	9,664	9,664
Allocated Costs	**14,389**	**14,389**	**19,760**	**19,760**
Total Service Costs	**113,011**	**124,475**	**136,169**	**132,391**
Estimated Revenue	**$113,011**	**$124,475**	**$ 136,169**	**$ 132,391**
Rate for Base	**$95.13**	**$451.00**	**$ 118.20**	**$ 459.69**
	Per Enterprise Instance/Mo	Per Dedicated Instance/Mo	Per Enterprise Instance/Mo	Per Dedicated Instance/Mo

*SQL Server Reporting Services (SSRS): SSRS is the Enterprise Reporting tool for the State. The system allows users to create, deploy and manage reports.

Category 34   JIRA

		JIRA	JIRA
Utilization		**1,030**	**657**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		5,413	10,129
Fringe Benefits		2,923	5,571
Personal Services		**8,336**	**15,700**
483	JIRA Software Maintenance plus plugin	97,800	137,000
886	Priority Support	4,869	4,869
Hardware/Software Expense & Equipment Total		**102,669**	**141,869**
880	JIRA Training/Travel/Tools for Staff	1,198	2,930
General Support Expense Total		**1,198**	**2,930**
Dist BU Rec		1,886	1,425
SAN		**715**	1,088
SQL		615	1,215
AD		26	26
VM		2,372	3,265
Job Costs Total		**5,614**	**7,019**
NOC/Indirect			
NOC		8,546	14,769
Indirect Cost		7,700	14,136
Total Allocated		**16,246**	**28,905**
Total Service Costs		**134,063**	**196,423**
	Per user Per Month	**$10.85**	**$24.91**

*JIRA: JIRA is a software tool that can manage team activity and track issues.

Category 42 OnBase

Unit of Service		OnBase	OnBase
Utilization	Per user	**58,900**	**58,824**
Budgeted Costs		**FY22**	**FY23**
Direct Personnel		369,548	543,488
Fringe Benefits		199,556	298,918
Personal Services		**569,104**	**842,406**
121	OnBase HealthCheck - HyLand Services	65,000	-
498	Enterprise OnBase Licenses	225,000	225,000
622	New Enterprise OnBase Modules (DIR Imp, WRFL Approv, DOCSIGN)	0	16,000
539	OnBase Adminstration and Utility Software	4,500	6,500
M01	Encryption Maintenance	12,500	13,375
Hardware/Software Expense & Equipment Total		**307,000**	**260,875**
873	Staff Training	35,900	27,200
General Support Expense Total		**35,900**	**27,200**
Depreciation		4,250	2,698
Capital Purchases		-	
Total Capital Cost		**4,250**	**2,698**
Job Costs			
AD		1,050	1,200
Dist BU Rec		3,750	4,200
SAN		15,000	16,000
SQL		34,000	36,500
VDI		3,500	2,100
VM		40,000	42,000
Job Costs Total		**97,300**	**102,000**
NOC		73,516	108,900
Indirect Cost		66,243	104,228
Total Service Costs		**1,153,313**	**1,448,308**
Estimated Revenue		**1,153,313**	**1,448,308**
Rate	Per user	**$19.58**	**$24.62**

*OnBase ECM: OnBase is State of MO standard Enterprise-level Electronic Content Management (ECM) system used for the storage, retrieval and management of electronic content. Billing is based on "named" users.

Category 43   Web Utility

Unit of Service	Web Utility	Web Utility
Utilization (Number of Sites)	**44,844**	**42,888**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	83,995	90,463
Fringe Benefits	45,357	48,850
Personal Services	129,353	139,313
453 SynRecovery software	1,000	1,000
489 uDeploy software Maintenance	74,950	82,444
494 Tidal Maintenance	47,985	52,784
499 AppViewX Software Maintenance	34,118	37,530
648 Cert Costs	508	560
Hardware/Software Expense & Equipment Total	**158,561**	**174,318**
869 Web Utility Training / Travel / Tools	7,720	8,875
General Support Expense Total	**7,720**	**8,875**
Depreciation	1,158	1,130
Capital Purchases		
Total Capital Cost	**1,158**	**1,130**
AD	6,415	6,142
Dist BU Rec	15,832	15,409
SAN	17,000	7,398
DB	30,000	25,028
VM	80,000	61,303
Total Job Costs	**149,247**	**115,281**
NOC	32,352	38,697
Indirect Cost	29,152	37,037
Total Allocated	**61,504**	**75,734**
Total Service Costs	**507,543**	**514,651**
Estimated Revenue	**507,543**	**514,651**
Rate	**$11.32**	**$12.00**
	Per Site/Month	**Per Site/Month**

Web Utility - is all the secondary systems that Web Sites or App Dev can use to support their system. Some of these are Enterprise SSL Cert Services, Enterprise Logging/Staging Services, Enterprise Scheduling and batch services (Tidal and Batch), and uDeploy.

Category 44   MYSQL

Unit of Service			MYSQL	MYSQL
Utilization - Base		99.00%	**3,144**	**3,168**
Overage GB		1.00%	**3,336**	**2,940**
License				
Budgeted Costs			**FY22**	**FY23**
Direct Personnel			39,596	55,792
Fringe Benefits			21,382	30,128
Personal Services			**60,978**	**85,920**
	468	MySQL Subscription	105,197	105,197
	641	MySQL Software encryption	15,483	19,784
Hardware/Software Expense & Equipment Total			**120,680**	**124,981**
	881	MySQL Training /Travel/Tools for Staff	5,000	5,000
General Support Expense Total			**5,000**	**5,000**
Depreciation			8,489	8,489
Capital Purchases				
Total Capital Cost			**8,489**	**8,489**
Job Costs				
AD			175	185
Dist BU Rec			9,468	4,925
SAN			7,126	5,200
VM			20,174	18,600
Job Costs Total			**36,943**	**28,910**
NOC			16,834	22,332
Indirect Cost			15,169	21,374
Total Allocated			**32,003**	**43,707**
Total Service Costs			**264,093**	**297,007**
Estimated Revenue			**264,093**	**297,007**
Base Rate			**$83.16**	**$92.81**
Overage Rate			**$0.79**	**$1.01**

*MYSQL: SQL is an open-source relational database solution that provides an agency the ability to store its business data for later retrieval and decision making. The rate is broken down as follows:

• **MYSQL Database Base -** Cost driven by the number of databases

• **MYSQL Database Overage –** Cost added to the when a database is over 1 gig.

Category 45   Enterprise Web Hosting

Unit of Service		Enterprise Web		Enterprise Web
Utilization		**9,984**		**12,612**
Budgeted Costs		**FY22**		**FY23**
Direct Personnel		-	$	-
Fringe Benefits		-	$	-
Personal Services		**-**		**-**
M08	Plesk Maintenance	6,534		7,255
537	Plesk License Purchase	1,188		-
Hardware/Software Expense & Equipment Total		**7,722**		**7,255**
874	Staff Training	29,427		39,046
General Support Expense Total		**29,427**		**39,046**
Job Costs				
VM		65,256		95,966
SAN				7,196
DB		10,410		-
AD		26		29
Dist BU Rec		12,266		14,486
Job Costs Total		**87,958**		**117,677**
NOC		9,074		14,457
Indirect Cost		8,177		13,837
Total Allocated		17,251		28,294
Total Service Costs		**142,358**		**192,272**
Estimated Revenue		**142,358**		**192,272**
Rate		**$14.26**		**$15.25**
		Per site/month		Per site/month

*Enterprise Web Hosting – is systems that are shared across all agencies. Websites are sharing Web Servers, Software and FTE Resources.

Category 46   Network Operations Center (NOC)

Unit of Service		Network Operations	Network Operations
Utilization			

Budgeted Costs		FY22	FY23
Direct Personnel		1,263,938	1,394,614
Fringe Benefits		682,527	767,038
Personal Services		**1,946,465**	**2,161,652**
345	SiteScan	5,000	5,000
349	Lansweeper	50,000	50,000
351	Kiwi Syslog	400	400
353	Solarwinds NPM	10,700	15,000
354	Solarwinds SAM	8,700	12,000
355	Solarwinds NTA	6,500	7,200
356	Orion Polling Engines	51,000	103,260
357	Orion Web Server	500	1,000
361	Logging Maintenance	150,300	372,224
366	Splunk Professional Services		80,000
364	Solarwinds WPM	3,700	5,200
491	ITSM Tool Maintenance - cherwell	136,000	150,000
532	NOC - Desktop Computer Equipment	3,200	3,200
618	Microsoft System Center Suite - SCOM	43,000	43,000
629	ITSM Tool Software		23,400
657	Software Delivery Tool (Big Fix)	25,000	27,500
662	App Response		55,000
663	Appliation Mapping Tool		150,000
654	Rave Texting	5,000	-
Hardware/Software Expense & Equipment Total		**499,000**	**1,103,384**
872	NOC Training /Travel/Tools	78,200	49,200
884	ITSM Training	20,000	20,000
General Support Expense Total		**98,200**	**69,200**
Depreciation		4,018	14,350
Capital Purchases			
Total Capital Cost		**4,018**	**14,350**
AD		86	86
Dist BU Rec		52,050	80,731
SAN		104,800	122,434
SQL		35,200	41,751
VDI		1,340	1,340
VM		175,900	158,924
Total Job Cost		**369,376**	**405,266**
Total Service Costs		**2,917,059**	**3,753,851**

NOC is an internal job cost that is allocated to other categories based on estimated utilization.
*NOC: Network Operations Center (NOC) operates 24x7 and uses cutting edge

Category 47   Tableau Public Enterprise

Unit of Service		User Base **6,060**	Utilization **4,320**	User Base **6,060**	Utilization
Budgeted Costs		**FY22**	**FY22**	**FY23**	**FY23**
Direct Personnel			138,000		146,970
Fringe Benefits			74,520		79,364
Personal Services		**-**	**212,520**	**-**	**226,334**
661	Creator license	290,253		290,253	-
M09	Server Core - Internal		135,800		150,000
Hardware/Software Expense & Equipment Total		**290,253**	**135,800**	**290,253**	**150,000**
883	Tableau Training/Tools/travel	-	9,276		10,000
General Support Expense Total		**-**	**9,276**	**-**	**10,000**
Depreciation					1,199
Capital Purchases					
Total Capital Cost					**1,199**
Job Costs					
SAN operating system		-	3,345		3,345
SAN Tableau application		-	25,969		26,000
VDI Test Pool (10 VDI's)		-	1,693		2,000
AD		-	132		150
Backup operating system		-	26,633		27,000
Backup Tableau application		-	100,000		100,000
VM (Dev and Prod)		-	70,000		73,000
Job Costs Total		**-**	**227,773**	**-**	**231,495**
NOC		-	63,511		67,801
Indirect Cost		-	57,228		64,893
Total Allocated		**-**	**120,739**	**-**	**132,694**
Total Service Costs		**290,253**	**706,108**	**290,253**	**751,722**
Estimated Revenue		**290,253**	**706,108**	**290,253**	**751,722**
Agency Monthly Rate		**$47.90 Per Creator License/mo**	**Allocation Utilization/mo**	**$47.90 Per Creator License/mo**	**Allocation Utilization/mo**

Category 48   DB2LUW

Unit of Service			DB2LUW	DB2LUW
Utili Base	**64%**		**4,836**	**4,968**
Memory	**1%**		**3,768**	**3,176**
Overage	**20%**		**137,160**	**160,000**
License	**15%**		**408**	**432**
Total	**100%**			
Budgeted Costs			**FY22**	**FY23**
Direct Personnel			190,001	264,109
Fringe Benefits			102,601	142,619
Personal Services			**292,602**	**406,728**
	473	DB2 Maintenance(SHI)	1,404,874	1,715,739
Hardware/Software Expense & Equipment Total			**1,404,874**	**1,715,739**
	882	DB2 LUW Training/Travel/Tools	44,120	46,210
General Support Expense Total			**44,120**	**46,210**
Job Costs				
AD				3,900
Dist BU Rec			30,000	8,600
SAN			72,758	121,000
VM			58,512	87,800
Job Costs Total			**161,270**	**221,300**
NOC			87,885	210,713
Indirect Cost			79,190	201,674
Total Allocated			**167,075**	**412,386**
Total Service Costs			**2,069,941**	**2,802,363**
Estimated Revenue			**2,069,941**	**2,802,363**
Base Rate			**$274.15**	**$361.58**
Memory Rate			**$6.59**	**$10.59**
Overage Rate			**$3.02**	**$3.50**
License Rate			**$745.21**	**$953.58**

*DB2LUW: DB2LUW is an IBM relational database solution that provides an agency the ability to store its business data for later retrieval and decision making. The rate is broken down as follows:

• **DB2LUW Database Base -** Cost driven by the number of databases

• **DB2LUW Database Overage –** Cost added to the when a database is over 1 gig.

• **DB2LUW Database Memory –** This is an infrastructure cost passed directly to the dedicated application.

• **DB2LUW Database License –** This is a software license cost passed directly to the dedicated application.

Category 49   BOX

Unit of Service	BOX	BOX
	1828	1,042
Utilization	**21,936**	**12,504**
Budgeted Costs	**FY22**	**FY23**
Direct Personnel	30,643	35,561
Fringe Benefits	16,547	19,558
Personal Services	**47,190**	**55,119**
538 Box software subscription For Enterprise	256,516	252,100
Hardware/Software Expense & Equipment Total	**256,516**	**252,100**
		-
887 BOX Training/Travel/Tools for Staff	3,912	5,540
General Support Expense Total	**3,912**	**5,540**
Job Costs		
AD Costs	27	26
Total Job Costs	**27**	**26**
NOC	22,314	27,088
Indirect Cost	20,107	25,926
Total Allocated	42,421	**53,015**
Total Service Costs	**350,066**	**365,799**
Estimated Revenue	**350,066**	**365,799**
Rate	**$15.96**	**$29.25**
	Per user/Month	**Per user/Month**

*BOX.com: BOX.com is a cloud-based file collaboration/sharing/storage solution, which allows internal and external users access to data.

Rate	$ 0.0053	$ 0.0056	$ 0.0012	$ 0.0012	$ 0.0672	$ 0.0610	$ 0.0031	$ 0.0033	$ 0.0049	$ 0.0035	$ 41.03	$ 59.20
	CPU	CPU	CICS	CICS	Z Data Strg	Z Data Strg	ZOS DB2	ZOS DB2	ZOS Data BU	ZOS Data BU	WAS	WAS
Agency	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23
SOS	1,333	1,400	408	390	5	5	707	776	0	0	-	-
Auditor	312	427	35	35	19	21	42	112	656	479	-	-
Treasurer	235	237	92	100	1	1	61	70	9	5	-	-
AGO	496	551	229	159	-	-	247	301	-	-	-	-
OA	414,071	620,769	118,690	11,334	145,633	55,274	-	118,023	103,559	130,000	492	710
SDC/Growth	-	200,000	-	5,131	-	79,590	-	66,704	-	-	-	-
AG	940	1,110	403	503	-	-	379	508	-	-	-	-
DCI	1,975	2,029	465	446	2	1	1,082	1,152	22	15	-	-
MDC	2,524	2,708	817	781	-	0	799	852	-	0	-	-
DED	7,046	6,368	144	163	1,242	1,106	279	283	463	319	-	-
DESE	4,350	7,396	1,771	2,007	-	0	2,144	3,987	0	0	-	-
HE	1,867	2,745	393	369	-	-	875	1,373	-	-	47,268	68,197
DHSS	110,407	105,314	30,619	28,372	504	465	14,591	13,681	4,672	3,226	-	-
MODOT	38,696	23,625	7,646	6,098	16	9	11,954	7,436	3	1	-	-
DOLIR	5,390	5,447	489	398	68	62	889	1,098	489	347	277,702	423,387
DMH	122,752	115,262	7,376	5,540	3,613	2,977	47,260	44,729	2,553	1,884	-	-
DNR	25,725	24,250	1,698	1,665	695	624	11,684	11,350	3,846	2,708	61,055	88,087
DPS/MSHP	120,019	129,008	286,506	101,586	601	-	13,498	5,085	193	-	-	-
DOR	1,384,821	1,416,939	110,533	216,081	151,822	136,546	260,278	282,872	301,177	192,888	41,360	58,409
DSS	4,688,002	4,674,730	1,359,114	1,221,526	440,177	409,692	2,077,621	1,965,728	389,197	292,665	-	-
DOC	22,578	23,914	11,851	9,024	-	-	9,811	11,595	-	-	357,010	529,944
Other	24,791	130,758	80,246	424,782	0	531	861	13,225	4	137	-	-
Total	6,978,332	7,494,988	2,019,522	2,036,489	744,398	686,905	2,455,062	2,550,940	806,844	624,677	784,888	1,168,735

Rate	$ 0.0060	$ 0.0069			$ 0.0618	$ 0.0497	$ 1.19	$ 1.34	$ 6.79	$ 7.34	$ 0.1664	$ 0.1576
	ZOS IDMS	ZOS IDMS	Print	Print	BackUp Rec	BackUp Rec	AD	AD	Exchange	Exchange	SAN	SAN
Agency	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23
SOS	-	-	-	-	-	-	215	273		-	-	-
Auditor	-	-	-	-	679	578	801	937		-	320	332
Treasurer	141	194	-	-	12,080	13,736	615	633		-	9,017	9,153
AGO	-	-	-	-	-	-	5,005	5,547		-	-	-
OA	-	-	-	23,350	99,696	84,100	47,666	60,000	186,182	201,855	176,636	161,366
SDC/Growth	-	-	11,735	18,309	-	500,000	-	-	-	-	-	134
AG	1	4	-	-	13,882	12,658	6,993	8,536	35,036	41,226	14,455	13,467
DCI	11	18	-	-	39,505	41,237	12,971	14,209	59,317	62,563	50,139	44,456
MDC	475	476	13	21	-	-	229	259	-	-	-	-
DED	184	150	-	-	11,163	9,555	6,822	7,340	27,866	30,112	11,451	11,400
DESE	-	0	-	-	71,472	52,532	35,482	42,458	161,004	189,460	28,978	19,331
HE	16	42	-	-	13,155	12,465	2,446	8,990	9,207	38,565	499	1,336
DHSS	94,982	92,496	1,252	1,321	121,903	114,021	68,432	72,226	307,668	302,876	88,041	89,791
MODOT	162	216	4	1	199,205	282,579	1,730	2,208	-	-	261,268	260,113
DOLIR	1,349	1,661	1,010,164	453,348	106,145	101,538	21,509	23,803	102,828	107,556	108,717	104,078
DMH	403	227	-	-	237,696	216,311	214,006	236,679	692,254	707,849	83,435	85,709
DNR	-	-	-	-	113,325	105,467	35,553	42,233	168,093	185,968	206,221	156,025
DPS/MSHP	139,338	-	-	-	16,265	16,652	38,342	35,217	215,270	190,859	19,777	14,551
DOR	458,976	403,307	250,674	557,313	469,439	363,669	33,608	39,762	149,353	164,856	189,723	144,932
DSS	774,616	1,038,865	1,298,020	1,635,170	511,819	395,375	158,359	178,612	743,505	806,062	804,586	819,300
DOC	-	-	-	-	51,911	35,574	163,364	177,265	902,961	940,737	148,193	158,000
Other	-	212,227	13	20	-	288	9,010	8,646	9,859	13,784	-	-
Total	1,470,653	1,749,886	2,571,875	2,688,853	2,089,340	2,358,335	863,159	965,832	3,770,406	3,984,329	2,201,457	2,093,473

Rate	$ 66.05	$ 42.69	$ 115.24	$ 150.73	$38.78	$51.25	$ 37.53	$ 40.16	$ 16.93	$ 20.82		
	VM	VM	Srvr Sprt	Srvr Sprt	VDI	VDI	SQL Total	SQL Total	Share PT	Share PT	SSRS	SSRS
Agency	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23
SOS	-	-	-	-	-	-	-	-			-	-
Auditor	3,170	3,360	-	-	-	-	-	-			-	-
Treasurer	11,889	18,665	-	-	-	-	-	-			-	-
AGO	-	-	-	-	-	-	-	-			-	-
OA	220,349	142,399	9,680	12,662	305,697	327,250	371,184	297,021	43,431	241,024	17,127	21,276
SDC/Growth	-	-	37,714	-	-	10,227	-	218,364	-	-	1,447	-
AG	2,378	3,450	1,383	1,809	13,391	18,914	30,699	32,608	-	-	-	-
DCI	9,511	8,406	-	-	63,339	80,567	23,087	26,041	441	1,268	4,567	5,674
MDC	-	-	-	-	-	-	-	-	-	-	7,993	9,929
DED	8,719	6,295	8,297	10,853	21,926	26,009	25,297	26,110	2,096	3,083	-	-
DESE	37,253	39,347	6,914	9,044	26,758	57,702	192,680	210,560	10,542	13,199	26,170	27,739
HE	793	10,479	-	-	97,871	19,503	1,801	27,294	5,393	6,983	3,425	4,255
DHSS	76,092	68,154	27,657	36,176	233,260	283,926	179,337	187,566	51,032	86,380	5,709	7,092
MODOT	179,133	111,614	-	-	-	-	-	-	-	-	10,276	12,766
DOLIR	61,825	89,343	5,531	7,235	248,215	284,743	57,955	64,652	599	1,087	-	-
DMH	114,930	119,847	24,891	33,764	61,419	63,365	774,102	877,804	102,293	121,930	27,004	27,581
DNR	50,728	68,315	16,594	21,706	30,509	73,715	64,584	65,087	23,148	42,350	43,388	53,900
DPS/MSHP	19,023	16,476	12,446	14,470	19,447	12,858	45,477	47,474	17,216	23,449	4,567	5,674
DOR	252,377	209,062	17,977	21,706	98,631	132,065	1,597,492	1,642,818	64,145	106,026	81,011	82,744
DSS	110,967	71,937	153,495	197,562	1,338,855	1,063,396	155,418	158,376	333,472	642,606	4,567	5,674
DOC	40,424	41,347	110,627	175,253	55,072	80,607	30,268	31,118	-	-	-	-
Other	-	608	-	1,809	41,357	10,531	-	2,945	-	-	-	-
Total	1,199,563	1,029,103	433,206	544,048	2,655,745	2,545,380	3,549,380	3,915,839	653,808	1,289,385	237,252	264,305

Rate	$ 10.85	$ 24.91	$19.58	$24.62					$ 47.90	$ 47.90	Allocation	Allocation	$ 14.26	$ 15.25
	JIRA	JIRA	OnBase	OnBase	MySQL	MySQL	DB2LUW	DB2LUW	Tableau Creator Lic	Tableau Creator Lic	Tableau	Tableau	EWeb Hosting	EWeb Hosting
Agency	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23	FY22	FY23
SOS	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Auditor	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Treasurer	-	-	-	-	-	-	-	-	1,150	-	-	-	-	-
AGO	-	-	-	-	-	-	-	-	575	-	-	-	-	-
OA	29,708	21,426	10,000	44,351	218,941	247,461	16,449	21,695	42,532	16,417	750,000	750,000	45,342	44,313
SDC/Growth	-	-	-	-	-	-	-	-	-	36,900	-	-	-	54,199
AG	651	399	940	886	-	-	-	-	14,369	128	-	-	6,673	7,704
DCI	-	-	68,141	85,189	1,996	2,228	-	-	1,724	2,554	-	-	3,080	4,553
MDC	-	-	-	-	-	-	-	-	8,047	10,154	-	-	-	-
DED	781	797	7,284	2,561	4,101	8,927	-	-	12,070	14,433	-	-	171	1,545
DESE	8,200	1,528	12,218	16,808	-	-	-	19,284	7,472	19,797	-	-	3,080	2,236
HE	1,562	199	6,814	13,033	-	-	48,043	62,360	-	10,857	-	-	-	305
DHSS	-	299	-	-	6,985	8,044	21,488	28,124	27,014	31,867	-	-	1,027	1,281
MODOT	-	-	-	-	-	-	-	-	2,874	6,897	-	-	-	-
DOLIR	18,352	32,820	40,415	45,532	3,992	4,455	791,900	1,134,357	22,416	18,265	-	-	1,540	1,281
DMH	-	-	32,661	39,328	8,586	3,096	-	-	28,738	31,882	-	-	17,624	18,924
DNR	12,365	21,061	7,519	14,280	2,994	3,341	532,325	674,455	10,920	13,539	-	-	4,449	5,183
DPS/MSHP	-	-	15,508	18,843	5,033	5,257	-	-	5,748	9,324	-	-	9,068	9,615
DOR	-	-	240,000	313,573	-	-	-	-	36,785	25,992	-	-	34,221	36,873
DSS	54,927	117,495	708,346	802,771	998	1,114	612,650	764,775	32,761	31,153	-	-	1,369	1,829
DOC	-	-	-	33	10,462	12,931	50,076	89,681	3,449	8,813	-	-	1,198	2,297
Other	-	-	-	-	-	-	-	-	16,668	1,213	-	-	-	81
Total	126,546	196,024	1,149,846	1,397,188	264,088	296,853	2,072,931	2,794,730	275,309	290,185	750,000	750,000	128,841	192,219

Rate	$ 2.73	$ 1.36	15.96	29.25		
	sFTP	sFTP	BOX	BOX	Annual	Annual
Agency	FY22	FY23	FY22	FY23	FY22 Total	FY22 Total
SOS	33	16	-	-	2,701	2,861
Auditor	2,099	1,146	-	-	8,134	7,426
Treasurer	-	-	-	-	35,290	42,794
AGO	262	98	-	-	6,814	6,657
OA	16,860	8,833	32,172	45,374	3,475,610	3,756,892
SDC/Growth	-	-	-	-	50,896	1,189,557
AG	3,182	1,570	4,596	6,280	158,636	161,247
DCI	2,919	1,230	28,917	42,573	375,658	428,922
MDC	197	76	-	-	21,092	25,258
DED	4,527	2,059	7,277	13,847	176,538	186,931
DESE	2,854	1,380	7,852	17,007	665,937	772,562
HE	1,837	1,586	8,426	15,251	277,903	340,361
DHSS	8,201	73,322	81,963	99,011	1,715,084	1,882,359
MODOT	4,560	2,213	-	-	717,527	715,777
DOLIR	3,641	1,854	26,236	30,194	2,937,370	2,958,206
DMH	1,410	643	15,320	15,822	2,644,095	2,794,930
DNR	14,302	6,669	16,469	21,414	1,471,227	1,731,184
DPS/MSHP	3,116	1,344	4,979	11,390	1,019,995	677,340
DOR	28,374	20,576	2,681	4,720	6,345,910	6,660,464
DSS	12,235	5,814	26,810	24,786	16,845,261	17,378,070
DOC	2,723	1,613	7,469	15,329	1,988,410	2,358,611
Other	590	478	-	-	183,671	822,321
Total	113,922	132,521	271,167	362,998	41,123,759	44,900,729